

The diagram illustrates the internal architecture of an electronic device, specifically an image scanner. The main components and their connections are as follows:

- Mounting Base (12):** The base structure supporting the internal components.
- Drive Apparatus (30):** Located on the left, it includes a **Motor Driver (34)** and a **Motor (32)**. It is connected to the **Carriage (20)** via a drive line.
- Carriage (20):** A movable component that carries the **Image Sensor (22)** and a **Light Source (26)**. It is also connected to the **Image Sensor Controller (60)** via a data line.
- Image Sensor (22):** The primary sensing component, connected to the **Image Sensor Controller (60)**.
- Image Sensor Controller (60):** A central control unit that manages the image sensor and the drive apparatus. It contains a **Drive Controller (62)** and is connected to the **Image Sensor (22)** and the **Motor Driver (34)**.
- A/D Converter (40):** Receives data from the **Image Sensor (22)** and outputs to the **Image Sensor Controller (60)**.
- Electronic Device Controller (Scanner Controller) (50):** The main control unit, which includes:
 - Image Sensor Controller (60):** Connected to the **Image Sensor (22)** and the **A/D Converter (40)**.
 - Servo Controller (80):** Connected to the **Image Sensor Controller (60)** and the **Motor Driver (34)**.
 - Memory (98):** Connected to the **Image Sensor Controller (60)** and the **Servo Controller (80)**.
 - CPU (96):** The central processing unit, connected to the **Image Sensor Controller (60)** and the **Memory (98)**.
- Other Labels:**
 - 28:** A lens or filter component in front of the image sensor.
 - 38:** A circular component, possibly a light source or a sensor, located near the carriage.
 - 42:** A label for the **Image Sensor Controller (60)**.
 - 44:** A label for the **Servo Controller (80)**.
 - 46:** A label for the **Memory (98)**.
 - 48:** A label for the **CPU (96)**.
 - 52:** A label for the **Image Sensor (22)**.
 - 54:** A label for the **Motor Driver (34)**.
 - 56:** A label for the **Motor (32)**.
 - 58:** A label for the **Carriage (20)**.
 - 60:** A label for the **Image Sensor Controller (60)**.
 - 62:** A label for the **Drive Controller (62)**.
 - 64:** A label for the **Servo Controller (80)**.
 - 66:** A label for the **Memory (98)**.
 - 68:** A label for the **CPU (96)**.

Fig. 2 (A)

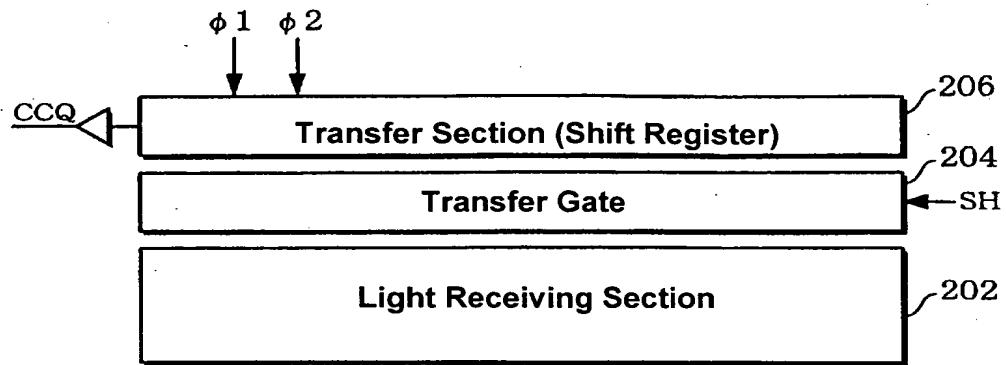


Fig. 2 (B)

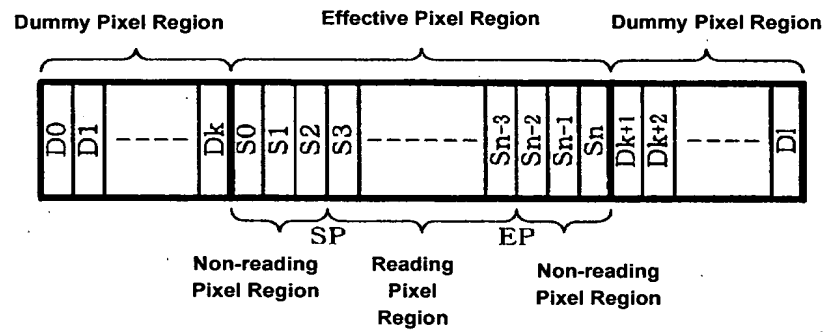


Fig. 2 (C)

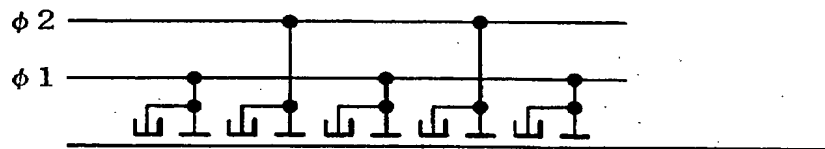


Fig. 3 (A)

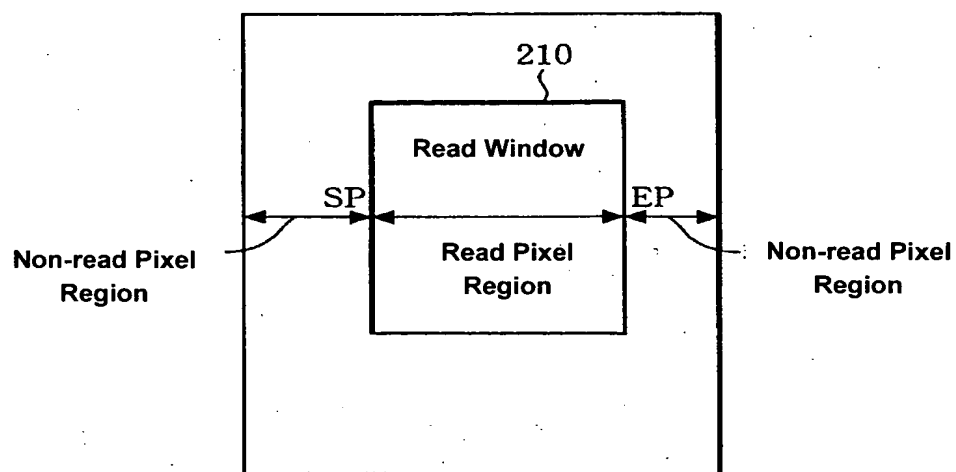


Fig. 3 (B)

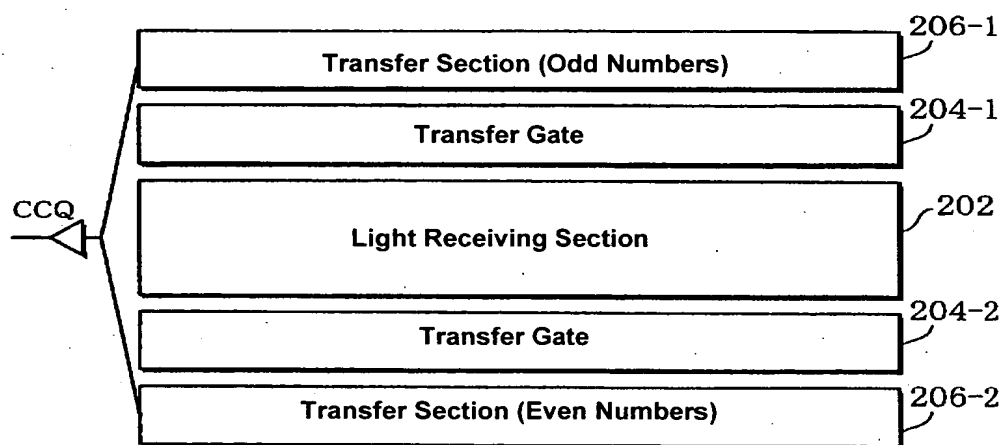


Fig. 4

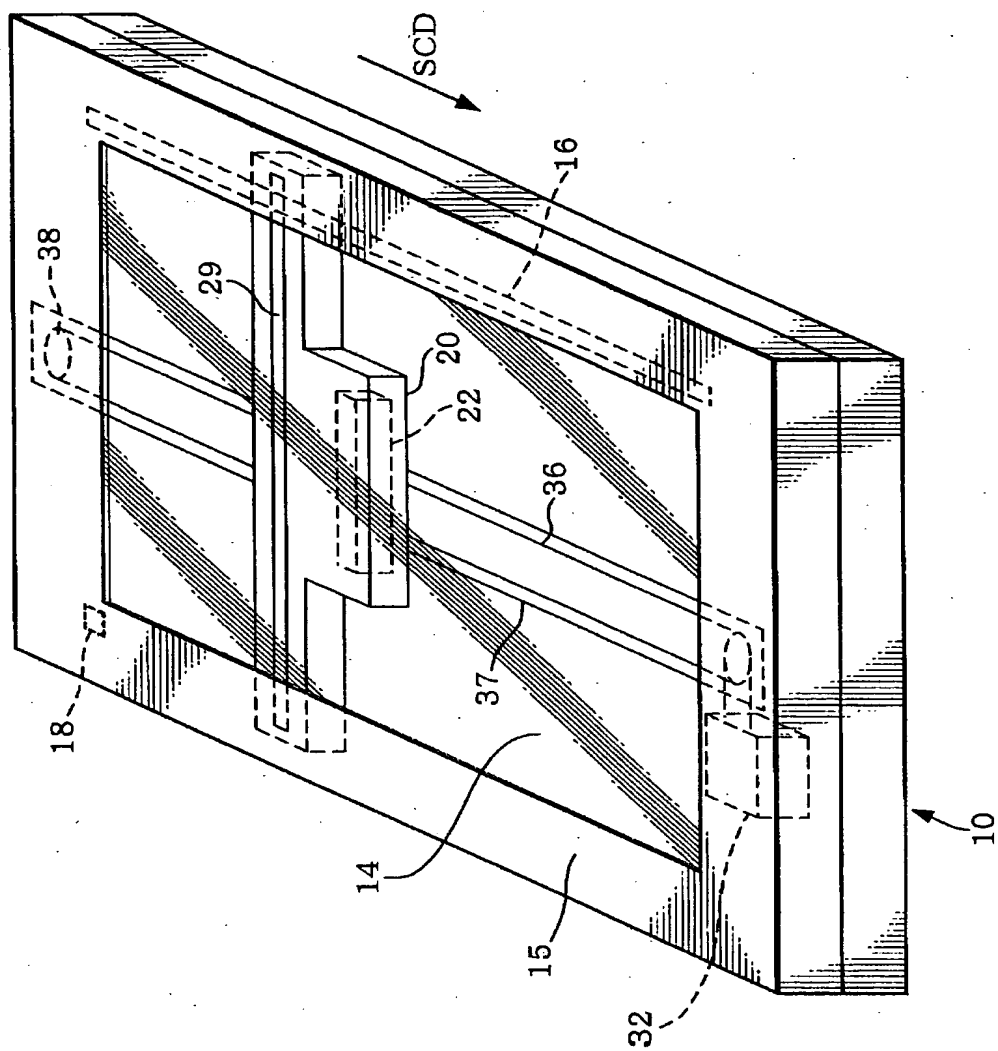


Fig. 5

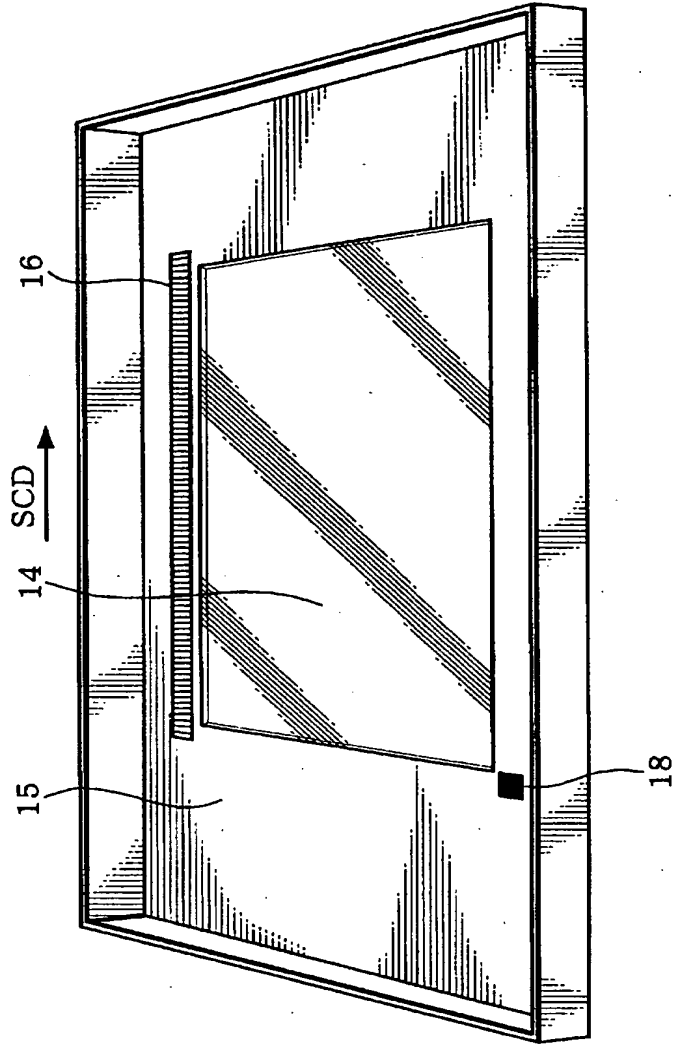


Fig. 6 (A)

Fig. 6 (B)

Fig. 6 (C)

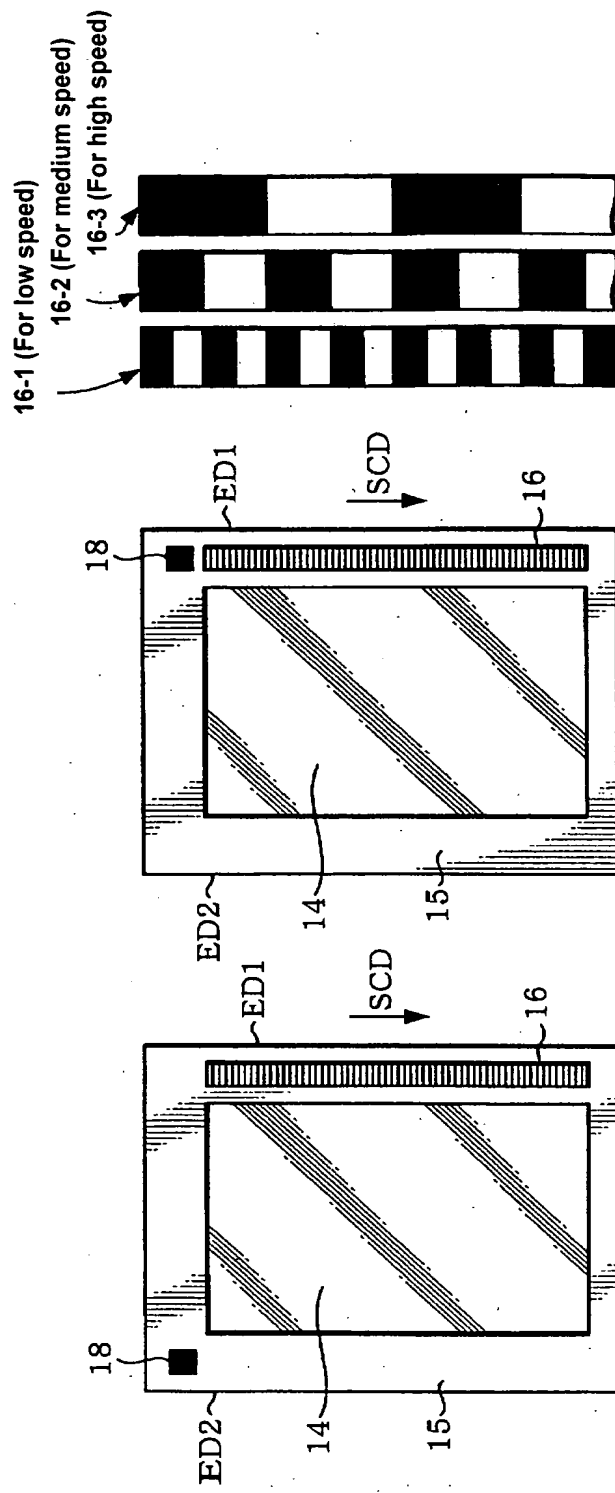


Fig. 7 (A)

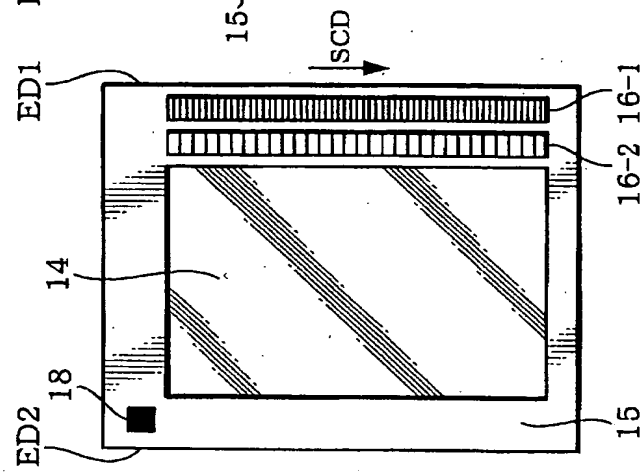


Fig. 7 (B)

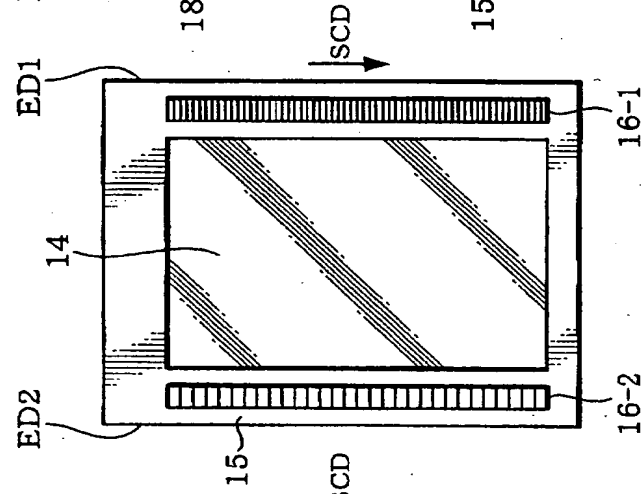


Fig. 7 (C)

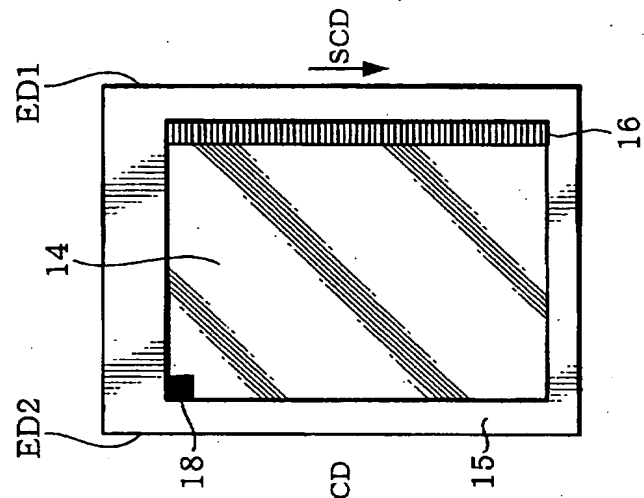


Fig. 9 (A)

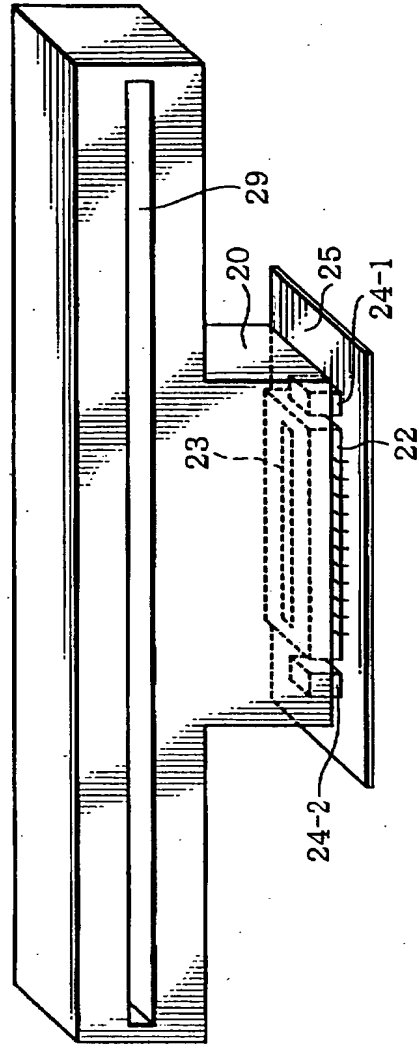
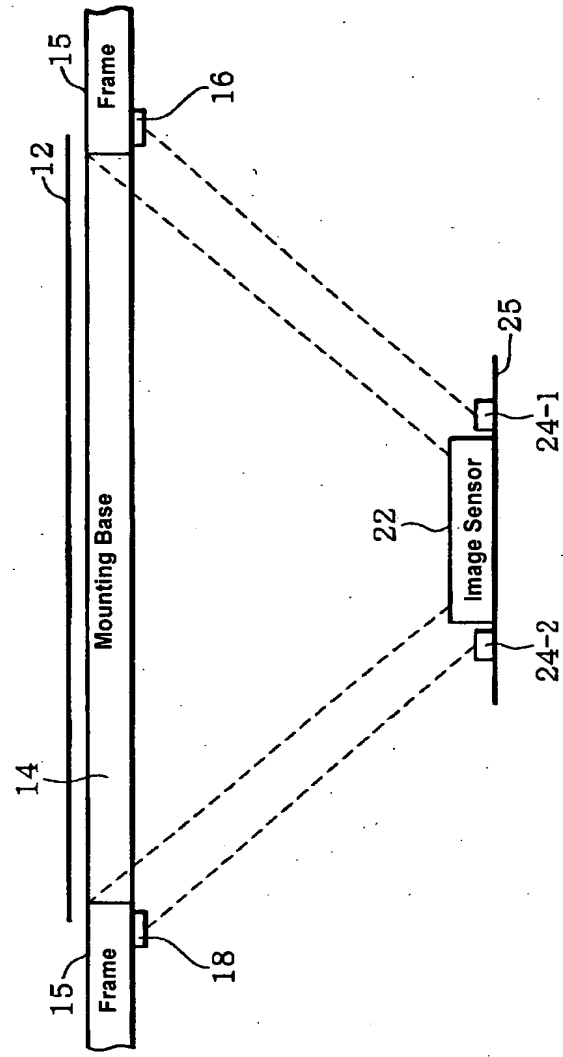


Fig. 9 (B)



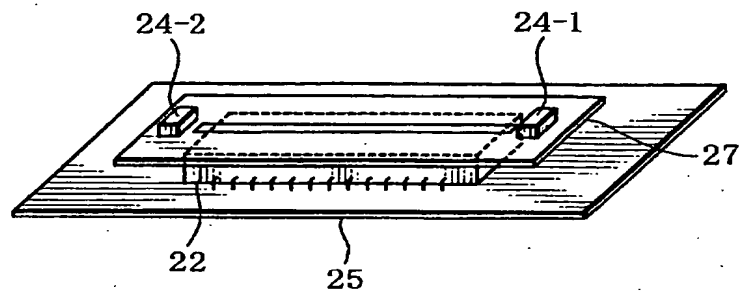


Fig. 10

Fig. 11

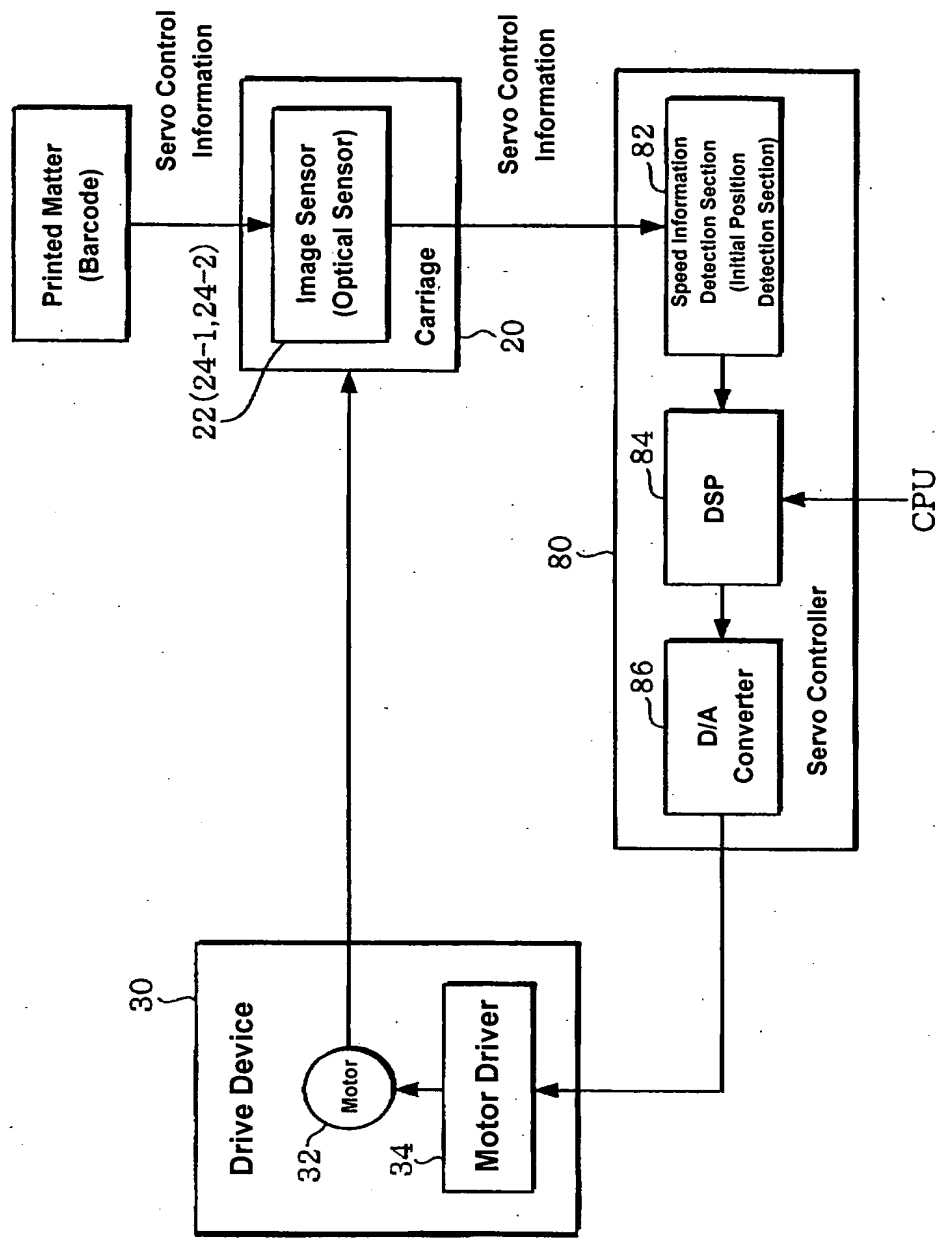


Fig. 12

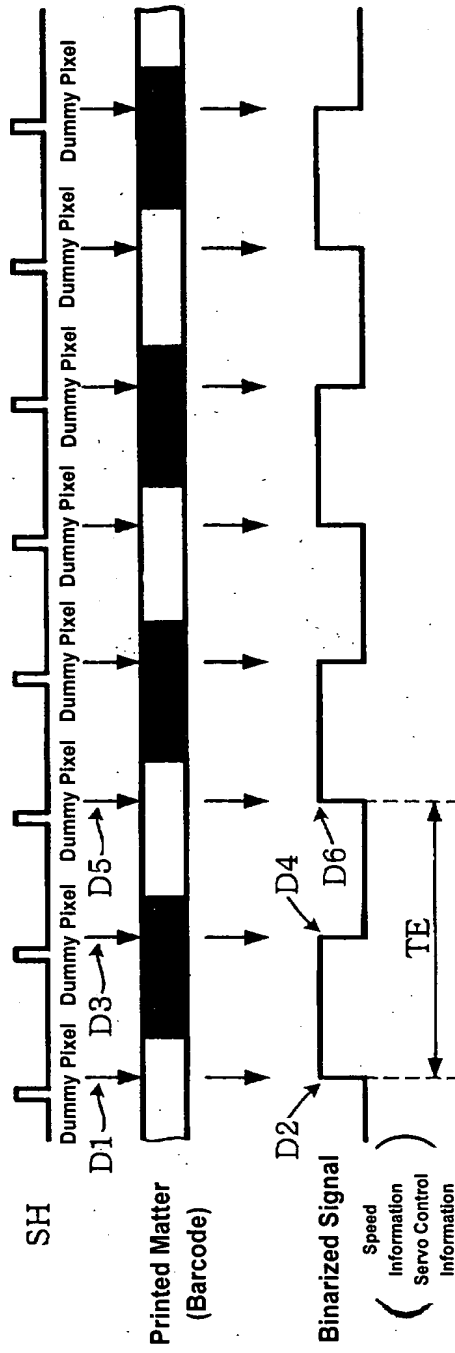


Fig. 13 (A)

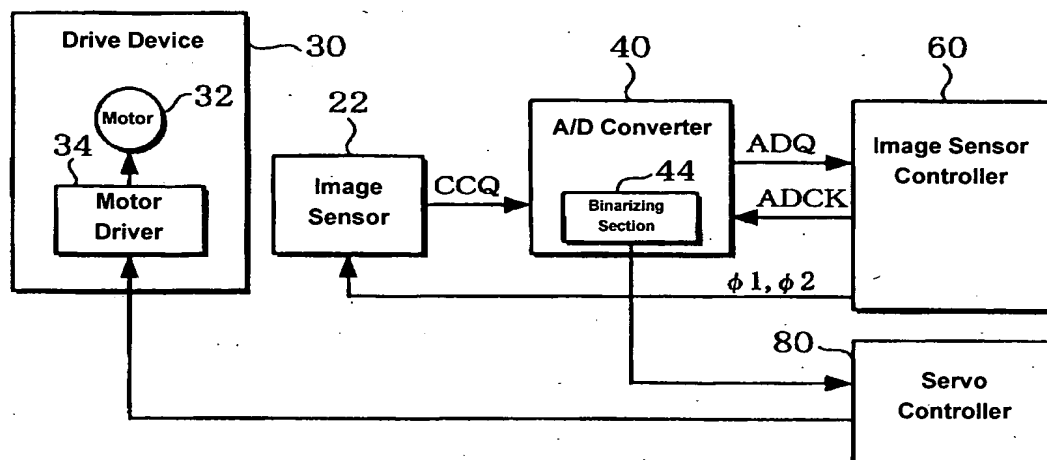


Fig. 13 (B)

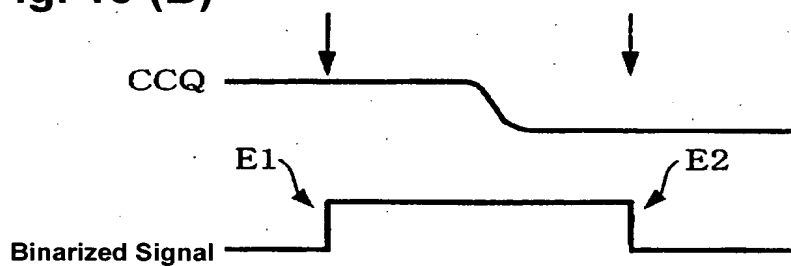


Fig. 13 (C)

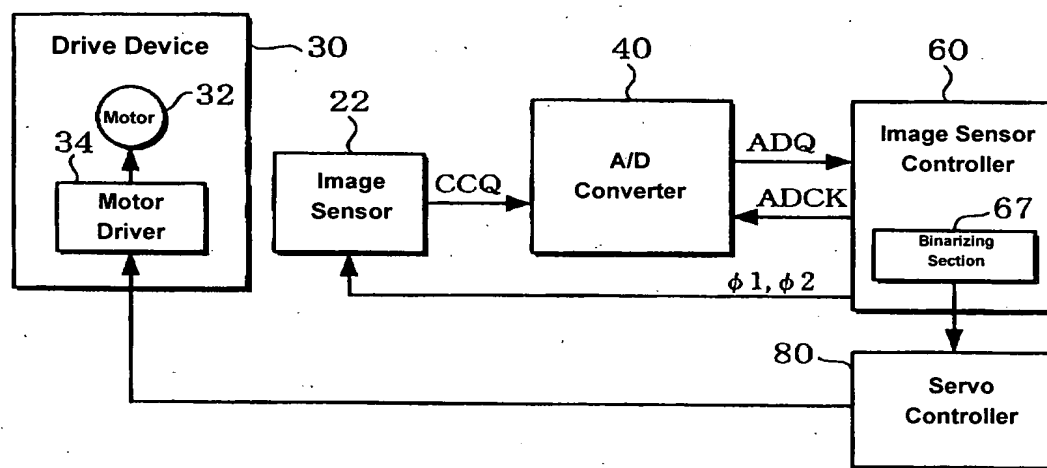


Fig. 14

